

L9 ANSWER 30 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1981:497496 CAPLUS <<LOGINID::20090520>>

DOCUMENT NUMBER: 95:97496

ORIGINAL REFERENCE NO.: 95:16371a,16374a

TITLE: Synthesis of alkylaminoalkylamides of substituted 2-aminopyrroles as potential local anesthetic and antiarrhythmic agents. II: β -amines

AUTHOR(S): Sowell, J. Walter; Block, Alan J.; Derrick, Mary Elizabeth; Freeman, John J.; Kosh, Joseph W.; Mubarak, Philip F.; Tenthorey, Paul A.

CORPORATE SOURCE: Coll. Pharm., Univ. South Carolina, Columbia, SC, 29208, USA

SOURCE: Journal of Pharmaceutical Sciences (1981), 70(5), 537-41

CODEN: JPMSAE; ISSN: 0022-3549

DOCUMENT TYPE: Journal

LANGUAGE: English

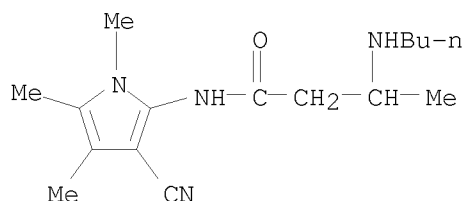
AB The synthesis, local anesthetic and antiarrhythmic properties, and CNS toxicity of 14 2-(3-alkylaminoalkylamido)pyrroles are described. Most of the compds. exhibited local anesthetic activity by the guinea pig wheal test, with 7 showing comparable or greater activity than lidocaine. Most compds. also exhibited antiarrhythmic activity; 3 compds. had more potent activity than lidocaine. All compds. exhibiting antiarrhythmic activity also were toxic to the CNS. However, 2 of the 3 compds. having greater activity than lidocaine possessed more desirable therapeutic indexes.

IT 78829-99-9P 78830-00-9P 78830-01-0P
78830-02-1P 78830-05-4P 78830-06-5P
78830-07-6P 78830-08-7P 78830-09-8P
78830-10-1P 78830-11-2P 78830-12-3P
78830-13-4P 78830-14-5P 78830-15-6P
78830-16-7P 78830-17-8P 78830-18-9P
78830-19-0P 78830-20-3P 78830-21-4P
78830-22-5P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and anesthetic and antiarrhythmic activities of)

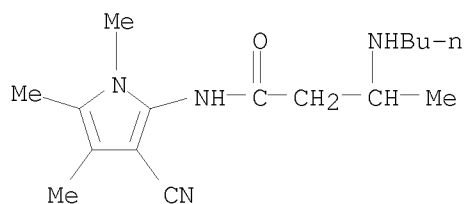
RN 78829-99-9 CAPLUS

CN Butanamide, 3-(butylamino)-N-(3-cyano-1,4,5-trimethyl-1H-pyrrol-2-yl)-
(CA INDEX NAME)



RN 78830-00-9 CAPLUS

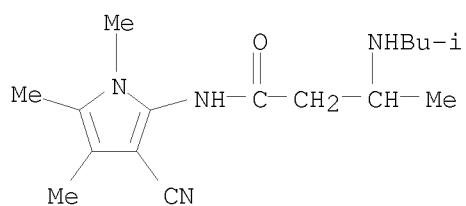
CN Butanamide, 3-(butylamino)-N-(3-cyano-1,4,5-trimethyl-1H-pyrrol-2-yl)-,
hydrochloride (1:1) (CA INDEX NAME)



● HCl

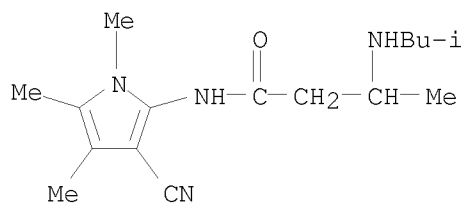
RN 78830-01-0 CAPLUS

CN Butanamide, N-(3-cyano-1,4,5-trimethyl-1H-pyrrol-2-yl)-3-[(2-methylpropyl)amino]- (CA INDEX NAME)



RN 78830-02-1 CAPLUS

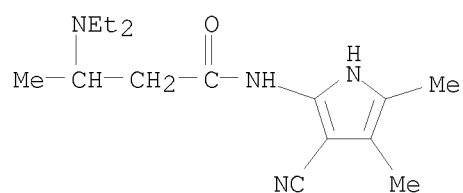
CN Butanamide, N-(3-cyano-1,4,5-trimethyl-1H-pyrrol-2-yl)-3-[(2-methylpropyl)amino]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

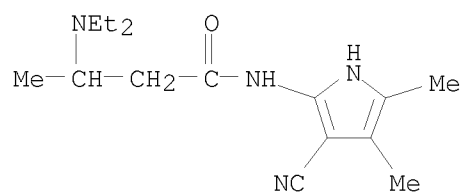
RN 78830-05-4 CAPLUS

CN Butanamide, N-(3-cyano-4,5-dimethyl-1H-pyrrol-2-yl)-3-(diethylamino)- (CA INDEX NAME)



RN 78830-06-5 CAPLUS

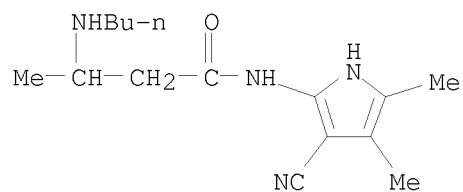
CN Butanamide, N-(3-cyano-4,5-dimethyl-1H-pyrrol-2-yl)-3-(diethylamino)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

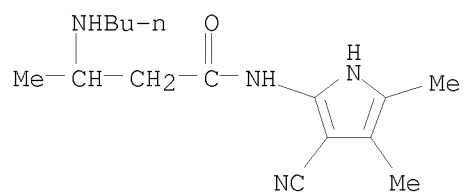
RN 78830-07-6 CAPLUS

CN Butanamide, 3-(butylamino)-N-(3-cyano-4,5-dimethyl-1H-pyrrol-2-yl)- (CA INDEX NAME)



RN 78830-08-7 CAPLUS

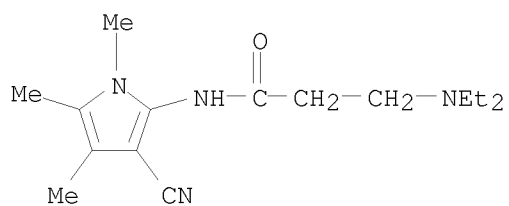
CN Butanamide, 3-(butylamino)-N-(3-cyano-4,5-dimethyl-1H-pyrrol-2-yl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

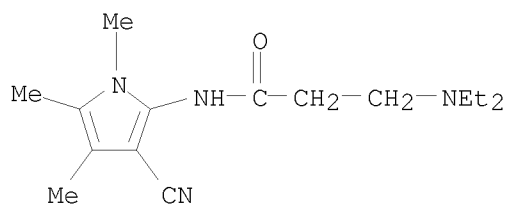
RN 78830-09-8 CAPLUS

CN Propanamide, N-(3-cyano-1,4,5-trimethyl-1H-pyrrol-2-yl)-3-(diethylamino)-
(CA INDEX NAME)



RN 78830-10-1 CAPLUS

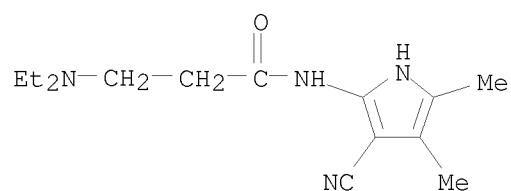
CN Propanamide, N-(3-cyano-1,4,5-trimethyl-1H-pyrrol-2-yl)-3-(diethylamino)-,
hydrochloride (1:1) (CA INDEX NAME)



● HCl

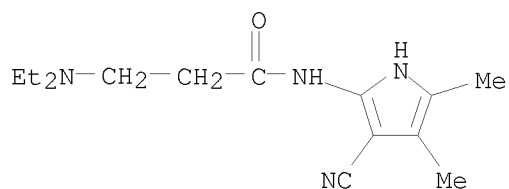
RN 78830-11-2 CAPLUS

CN Propanamide, N-(3-cyano-4,5-dimethyl-1H-pyrrol-2-yl)-3-(diethylamino)-
(CA INDEX NAME)



RN 78830-12-3 CAPLUS

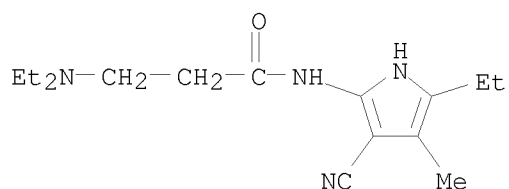
CN Propanamide, N-(3-cyano-4,5-dimethyl-1H-pyrrol-2-yl)-3-(diethylamino)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

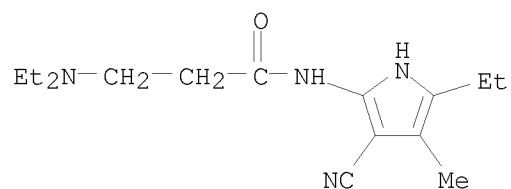
RN 78830-13-4 CAPLUS

CN Propanamide, N-(3-cyano-5-ethyl-4-methyl-1H-pyrrol-2-yl)-3-(diethylamino)-, hydrochloride (1:1) (CA INDEX NAME)



RN 78830-14-5 CAPLUS

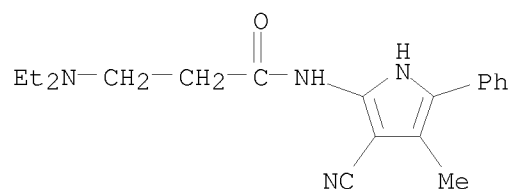
CN Propanamide, N-(3-cyano-5-ethyl-4-methyl-1H-pyrrol-2-yl)-3-(diethylamino)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

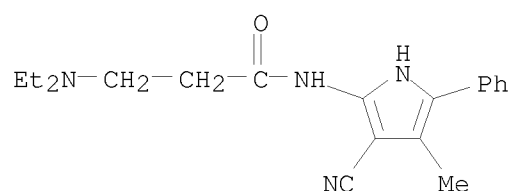
RN 78830-15-6 CAPLUS

CN Propanamide, N-(3-cyano-4-methyl-5-phenyl-1H-pyrrol-2-yl)-3-(diethylamino)-
(CA INDEX NAME)



RN 78830-16-7 CAPLUS

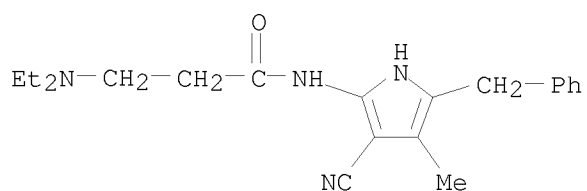
CN Propanamide, N-(3-cyano-4-methyl-5-phenyl-1H-pyrrol-2-yl)-3-(diethylamino)-
, hydrochloride (1:1) (CA INDEX NAME)



● HCl

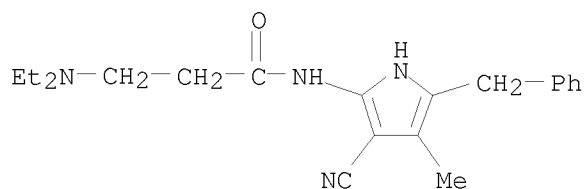
RN 78830-17-8 CAPLUS

CN Propanamide, N-[3-cyano-4-methyl-5-(phenylmethyl)-1H-pyrrol-2-yl]-3-(
diethylamino)- (CA INDEX NAME)



RN 78830-18-9 CAPLUS

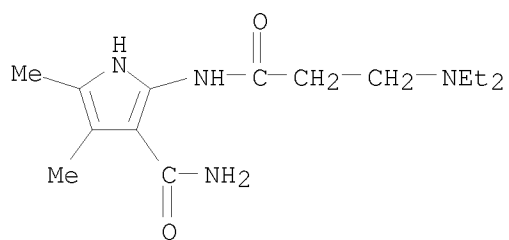
CN Propanamide, N-[3-cyano-4-methyl-5-(phenylmethyl)-1H-pyrrol-2-yl]-3-(diethylamino)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

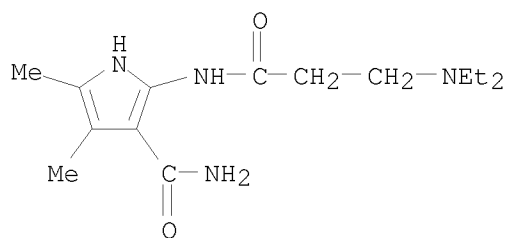
RN 78830-19-0 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 2-[[3-(diethylamino)-1-oxopropyl]amino]-4,5-dimethyl- (CA INDEX NAME)



RN 78830-20-3 CAPLUS

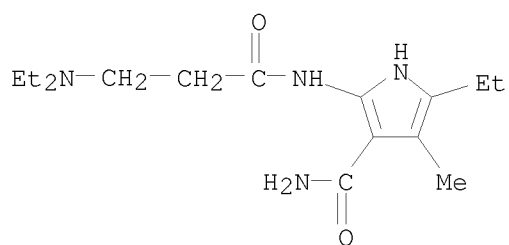
CN 1H-Pyrrole-3-carboxamide, 2-[[3-(diethylamino)-1-oxopropyl]amino]-4,5-dimethyl-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

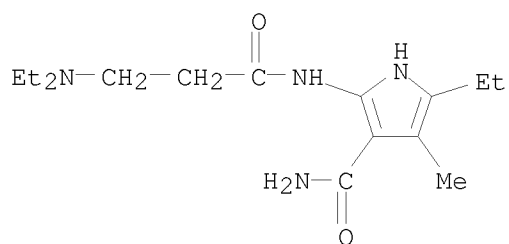
RN 78830-21-4 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 2-[[3-(diethylamino)-1-oxopropyl]amino]-5-ethyl-4-methyl- (CA INDEX NAME)



RN 78830-22-5 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 2-[[3-(diethylamino)-1-oxopropyl]amino]-5-ethyl-4-methyl-, hydrochloride (1:1) (CA INDEX NAME)



● HCl